

# City of Lemon Grove

## STANDARD EROSION CONTROL NOTES FOR CONSTRUCTION SITES

All erosion control plans shall include these standard notes, at minimum. Projects may be subject to additional requirements not included in these notes. Please refer to the City's Municipal Code chapters 8.48 (Stormwater Management and Discharge Control) and 18.08 (Excavation and Grading), the City's Jurisdictional Runoff Management Program (JRMP) and the Stormwater Best Management Practices (BMP) Manual for more information.

1. IN CASE EMERGENCY WORK IS REQUIRED, CONTACT  
(Applicant to Complete) at (Applicant to Complete).
2. EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES. ALL NECESSARY MATERIALS SHALL BE STOCKPILED ON SITE AT CONVENIENT LOCATIONS TO FACILITATE RAPID IMPLEMENTATION OF TEMPORARY EROSION CONTROL MEASURES WHEN RAIN IS IMMINENT.
3. EROSION CONTROL MEASURES SHOWN ON PLANS SHALL NOT BE MOVED OR MODIFIED WITHOUT APPROVAL OF THE CITY ENFORCEMENT OFFICIAL.
4. EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED TO THE SATISFACTION OF THE CITY ENFORCEMENT OFFICIAL. THE CONTRACTOR SHALL RESTORE ALL EROSION CONTROL MEASURES TO WORKING ORDER DURING AND AFTER EACH RUN-OFF PRODUCING RAINFALL.
5. ALL EROSION CONTROL MEASURES PROVIDED PER THE APPROVED GRADING PLAN SHALL BE INCORPORATED HEREON. ALL EROSION/SEDIMENT CONTROL FOR INTERIM CONDITIONS SHALL BE DONE TO THE SATISFACTION OF THE ENFORCEMENT OFFICIAL. THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION CONTROL MEASURES AS MAY BE REQUIRED BY THE CITY ENFORCEMENT OFFICIAL.
6. ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN THERE IS A FIFTY PERCENT (50%) CHANCE OF RAIN WITHIN A FORTY-EIGHT (48) HOUR PERIOD. SILT AND DEBRIS SHALL BE REMOVED AFTER EACH RAINFALL.
7. DURING THE RAINY SEASON THE AMOUNT OF EXPOSED SOIL ALLOWED AT ONE TIME SHALL NOT EXCEED THAT WHICH CAN BE ADEQUATELY PROTECTED IN THE EVENT OF A RAINSTORM. ADDITIONAL SUPPLIES NEEDED FOR BMP MEASURES SHALL BE RETAINED ON THE JOB SITE IN A MANNER THAT ALLOWS FULL DEPLOYMENT AND COMPLETE INSTALLATION IN FORTY EIGHT (48) HOURS OR LESS OF A FORECASTED RAIN.
8. NO AREA BEING DISTURBED SHALL EXCEED SEVENTEEN (17) ACRES AT ANY GIVEN TIME WITHOUT DEMONSTRATING TO THE CITY ENGINEER'S SATISFACTION THAT ADEQUATE EROSION AND SEDIMENT CONTROL CAN BE MAINTAINED.
9. ALL BARE SLOPES AND DISTURBED AREAS SHALL BE PLANTED AS EACH STAGE OF GRADING IS COMPLETE. SUITABLE MEASURES TO PREVENT SLOPE EROSION, INCLUDING,

BUT NOT LIMITED TO, RAPID GROWING VEGETATION SUFFICIENT TO STABILIZE THE SOILS SHOULD BE INSTALLED ON ALL AREAS, AND/OR SUCH AREAS SHOULD BE MULCHED, WHILE THE PERMANENT VEGETATION COVER MATURES ENOUGH TO PROVIDE STABILITY.

10. ANY EXPOSED SOIL, INCLUDING SOIL STOCKPILES, THAT WILL NOT BE DISTURBED FOR TEN (10) DAYS OR MORE SHALL BE FULLY PROTECTED FROM EROSION UNTIL ADEQUATE LONG-TERM PROTECTIONS ARE INSTALLED. ALL EROSION CONTROL MEASURES SHALL REMAIN INSTALLED AND MAINTAINED DURING ANY INACTIVE PERIOD.
11. ANY SLOPES WITH DISTURBED SOILS OR DENUDED OF VEGETATION MUST BE STABILIZED SO AS TO INHIBIT EROSION BY WIND AND WATER.
12. PROVIDE VELOCITY CHECK DAMS IN ALL UNPAVED GRADED CHANNELS AND ALONG THE GUTTER OF PAVED STREET AREAS. VELOCITY CHECK DAMS MAY BE CONTRUCTED OF GRAVEL BAGS, TIMBER, OR OTHER MATERIAL APPROVED BY THE CITY ENGINEER. VELOCITY CHECK DAMS MAY ALSO SERVE AS SEDIMENT TRAPS. CHECK DAMS WILL BE INSTALLED PER THE FOLLOWING:  
  
GRADE OF THE CHANNEL/STREET:  
LESS THAN 3%    100 FEET  
3% TO 6%        50 FEET  
OVER 6%         25 FEET
13. PROVIDE INLET PROTECTION MEASURES BY EVERY STORM DRAIN INLET TO PREVENT SEDIMENT FROM ENTERING THE STORM DRAIN SYSTEM. CHECK DAMS SHALL BE INSTALLED IN THE STREET GUTTER UPSTREAM OF CURB INLETS IN ACCORDANCE TO THE SPACING PROVIDED ABOVE, AT MINIMUM.
14. ALL GRAVEL BAGS SHALL BE BURLAP TYPE WITH 0.5 TO 1 INCH CRUSHED ROCK.
15. CONSTRUCTION DEBRIS AND SEDIMENT ON THE STREET AND GUTTER SHALL BE SWEPT OR VACUUMED AND DISPOSED OF PROPERLY AT CLOSE OF BUSINESS EACH DAY. FREQUENCY SHALL BE INCREASED IF DEBRIS AND SEDIMENT ARE NOTICEABLE WITHIN THE TRAVELLED WAY. CONTRACTOR IS ALSO RESPONSIBLE FOR CLEAN UP AND PROPER DISPOSAL OF SEDIMENT BUILD UP IN ADJACENT STORM DRAIN SYSTEM DUE TO CONSTRUCTION ACTIVITIES.
16. TRASH AND CONSTRUCTION RELATED SOLID WASTES SHALL BE DEPOSITED INTO A COVERED RECEPTACLE OR COVERED AND CONTAINED TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND.
17. CONSTRUCTION MATERIALS SHALL BE STORED IN STAGING AREAS ON-SITE UNTIL NEEDED FOR INSTALLATION. WASTE WILL EITHER BE PLACED IN DUMPSTERS OR IN WASTE MANAGEMENT AREAS. ALL WASTE SHALL BE TRANSPORTED OFF-SITE IN A TIMELY MANNER TO APPROVED WASTE DISPOSAL AREAS (DUMPS). STORAGE, HANDLING AND TRANSPORTATION OF WASTE SHALL BE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL LAWS.

18. CONSTRUCTION MATERIAL SHALL BE STORED IN DESIGNATED AREA WITH APPROPRIATE CONTAINMENT MEASURES. WASTE PILES THAT ARE NOT IN USE AND INACTIVE STOCKPILES SHALL BE PROTECTED. THE CONTRACTOR SHALL STORE THE MATERIALS AS TO MINIMIZE THE RISK OF STORM WATER POLLUTION, GROUNDWATER POLLUTION, SOIL CONTAMINATION, AND INJURY TO WORKERS AND VISITORS.
19. EQUIPMENT TO BE STORED, FUELED AND MAINTAINED ON SITE SHALL BE KEPT AWAY FROM ANY DRAINAGE COURSES. CONTRACTOR SHALL USE A DRAINAGE PAN OR DROP CLOTH TO CATCH ANY LEAKS OR SPILLS AT A MINIMUM.
20. MATERIAL OR DEBRIS RESULTING FROM CONSTRUCTION ACTIVITIES (E.G., SAW CUTTING, CONCRETE/ASPHALT GRINDING, ETC.) SHALL BE RECLAIMED AND DISPOSED OF APPROPRIATELY.
21. THE TOPS OF ALL SLOPES SHALL BE DIKED OR TRENCHED TO PREVENT WATER FROM FLOWING OVER THE CREST OF SLOPES.
22. GRADED AREAS AROUND THE PROJECT PERIMETER MUST DRAIN AWAY FROM THE FACE OF SLOPES AT THE CONCLUSION OF EACH WORKING DAY.
23. THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO PROTECT THE ADJACENT PROPERTIES FROM ANY EROSION AND SILTATION THAT MAY RESULT FROM GRADING OPERATIONS BY APPROPRIATE MEANS (GRAVEL BAGS, FIBER ROLLS, SILT FENCE, TEMPORARY DESILTING BASINS, ETC...) UNTIL SUCH TIME THAT THE PROJECT IS COMPLETED AND ACCEPTED FOR MAINTENANCE BY THE PROPERTY OWNER.
24. STORM WATER REQUIREMENTS SHALL BE IMPLEMENTED IN ACCORDANCE WITH THE CITY OF LEMON GROVE'S MUNICIPAL CODE AND JURISDICTIONAL URBAN RUNOFF MANAGEMENT PROGRAM (JURMP) AND SHALL INCLUDE THE FOLLOWING:
  1. THE PROPERTY OWNER AND/OR REPRESENTATIVE ARE REQUIRED TO ENSURE COMPLIANCE WITH ALL APPLICABLE STORM WATER REGULATIONS AT ALL TIMES. THE BMP'S THAT HAVE BEEN INCORPORATED INTO THIS PLAN SHALL BE IMPLEMENTED AND MAINTAINED TO EFFECTIVELY PREVENT THE POTENTIALLY NEGATIVE IMPACT OF THIS PROJECT'S CONSTRUCTION ACTIVITIES ON STORM WATER QUALITY. THE MAINTENANCE OF THE BMP'S IS THE PERMITTEE'S RESPONSIBILITY, AND FAILURE TO INSTALL OR MAINTAIN THE BMPS MAY RESULT IN ENFORCEMENT ACTION BY THE CITY OF LEMON GROVE OR OTHERS.
  2. SECTION 18.08.830 OF THE LEMON GROVE MUNICIPAL CODE ALLOWS THE CITY ENGINEER TO DENY THE ISSUANCE OF ANY FURTHER PERMITS INVOLVING DEVELOPMENT AND USE OF THE PROPERTY UP TO A MAXIMUM OF THREE YEARS IF ANY GRADING IS DONE CONTRARY TO THE PROVISIONS

OF THE GRADING ORDINANCE, WHICH INCLUDES STORM WATER CONTROLS.  
THE CITY MAY ALSO RECORD A NOTICE OF GRADING VIOLATION AND  
DENIAL OF ISSUANCE OF ANY FURTHER PERMITS WITH THE COUNTY  
RECORDER.